¡Felicitaciones! ¡Aprobaste!

Calificación recibida 100 % Para Aprobar 80 % o más

Ir al siguiente elemento

Week 2 Quiz

Calificación de la entrega más reciente: 100 %

1. What is the name of the TensorFlow library containing common data that you can use to train and test neural networks? 1 / 1 punto

- (•) TensorFlow Datasets
- ( ) There is no library of common data sets, you have to use your own
- ( ) TensorFlow Data Libraries
- ( ) TensorFlow Data

Correcto

2. How many reviews are there in the IMDB dataset and how are they split? 1 / 1 punto

- ( ) 60,000 records, 50/50 train/test split
- ( ) 50,000 records, 80/20 train/test split
- ( ) 60,000 records, 80/20 train/test split
- (•) 50,000 records, 50/50 train/test split

Correcto

3. How are the labels for the IMDB dataset encoded? 1 / 1 punto

- ( ) Reviews encoded as a number 1-5
- ( ) Reviews encoded as a boolean true/false
- ( ) Reviews encoded as a number 1-10
- (•) Reviews encoded as a number 0-1

Correcto

4. What is the purpose of the embedding dimension? 1 / 1 punto

- (•) It is the number of dimensions for the vector representing the word encoding
- ( ) It is the number of letters in the word, denoting the size of the encoding
- ( ) It is the number of dimensions required to encode every word in the corpus
- ( ) It is the number of words to encode in the embedding

Correcto

5. When tokenizing a corpus, what does the num_words=n parameter do? **1 / 1 punto**

- ○ It specifies the maximum number of words to be tokenized, and stops tokenizing when it reaches n
- ◉ It specifies the maximum number of words to be tokenized, and picks the most common 'n' words
- ○ It errors out if there are more than n distinct words in the corpus
- ○ It specifies the maximum number of words to be tokenized, and picks the first 'n' words that were tokenized

✓ **Correcto**

6. To use word embeddings in TensorFlow, in a sequential layer, what is the name of the class? **1 / 1 punto**

- ○ tf.keras.layers.Word2Vector
- ○ tf.keras.layers.WordEmbedding
- ○ tf.keras.layers.Embed
- ◉ tf.keras.layers.Embedding

✓ **Correcto**

7. IMDB Reviews are either positive or negative. What type of loss function should be used in this scenario? **1 / 1 punto**

- ○ Categorical crossentropy
- ○ Adam
- ○ Binary Gradient descent
- ◉ Binary crossentropy

✓ **Correcto**

8. When using IMDB Sub Words dataset, our results in classification were poor. Why? **1 / 1 punto**

- ◉ Sequence becomes much more important when dealing with subwords, but we're ignoring word positions
- ○ Our neural network didn't have enough layers
- ○ We didn't train long enough
- ○ The sub words make no sense, so can't be classified

✓ **Correcto**